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		U.S.	PATENT DOCU	MENTS	
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MF_		US-5,486,569	01-23-1996	Henderson et al.	
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MF	$\perp A$	WO 98/49221	11-05-1998	Dow Chemical Co.		7
MF		EP 0 695 763 A1	02-07-1996	Amcol Int'l Corp.		1
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	$-\angle$	US-5,369,148	11-29-1994	Takahashi et al.	
mf		US-6,323,252	11-2001	Gartner et al.	
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Mf		CN 1041735 C	01-20-1999			ゥ
ns	/	CN 2389712 Y	08-02-2000		English translation	

NON PATENT LITERATURE DOCUMENTS				
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